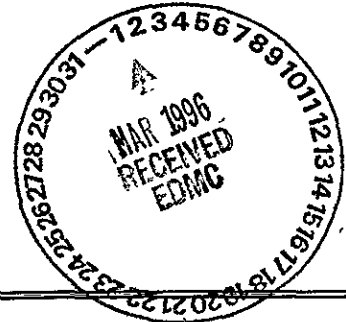


Meeting Minutes Transmittal

Unit Managers' Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held April 19, 1995
From 1:00 to 4:00 p.m.



The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Unit Managers' Meeting.

Jeffrey M. Bruggeman
Jeffrey M. Bruggeman, Unit Manager, RL

DATE: 17 Aug 95

Robert E. Cordts
Robert E. Cordts, Unit Manager, Washington State Department of Ecology

DATE: 7 Jun 95

183-H Solar Evaporation Basins Closure, Contractor Concurrence:

Rmoo
Contractor Representative, ERC

DATE: 7 JUNE, 95

Purpose: Discuss Permitting Process

Meeting Minutes are attached. The minutes are comprised of the following:

- Attachment 1 - Agenda
- Attachment 2 - Summary of Discussion and Commitments / Agreements
- Attachment 3 - Attendance List
- Attachment 4 - Action Items

Attachment 1

**Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington**

**Meeting Held April 19, 1995
From 1:00 to 4:00 p.m.**

Agenda**1. Approval of Past UMM Minutes**

- The March 1995 UMM minutes are presented for approval.

2. Status Open Action Items

- 09-20-94:2 Nitrate Cleanup Level
- 12-15-94:2 Method A versus Method B for arsenic cleanup
- 12-15-94:6 Continue developing closure proposal
- 12-15-94:7 Compare statistical guidance of Ecology's Toxics cleanup program to our current MTCA-based method
- 12-15-94:8 Cleanup level/extent method consistent with CERCLA
- 01-26-95:2 Cleanup level for arsenic
- 01-26-95:3 Cleanup strategy for Operable Units
- 01-26-95:4 Listed Waste Letter
- 01-26-95:5 Disposal of basin rainwater
- 03-06-95:1 Residue Sampling

3. Closure Activities / Planning

- Schedule
- Summary of open and resolved issues

4. New Business**5. Set Next Meeting Date**

Attachment 2

**Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington**

**Meeting Held April 19, 1995
From 1:30 to 4:00 p.m.**

Summary of Discussion and Commitments / Agreements

1. The March UMM minutes were presented for approval by the Unit Managers.
2. Status Action Items
 - 09-20-94:2 Nitrate Cleanup Level
[Past history regarding nitrate cleanup levels were discussed, including modeling efforts. Action item belongs to ERC to present alternatives.]
 - 12-15-94:2 Method A vs. Method B for Arsenic Cleanup
[B. Cordts is having Ecology review the tables presented previously. He requested to have the item open.]
 - 12-15-94:7 Compare Statistical Guidance of Ecology's Toxics Cleanup Program to our Current MTCA-based Method
[Closed. Item will be tracked through 12-15-94:2.]
 - 12-15-94:8 Cleanup level /Extent Method Consistent with CERCLA
[R. Miller and J. Badden reported they had met with the ERC CERCLA people. The ROD, which will establish groundwater usage has not been issued yet, and probably will not until after September 1995. CERCLA recognizes that they will inherit some cleanup from the basins. They are most concerned about listed waste. This issue is closed.]
 - 01-26-95:4 Listed Waste Letter
[A conference call was made at the beginning of the meeting to include D. Duncan of the EPA. Dan stated a draft response letter from the Regulators was being faxed to the ERC team. It was decided to review the letter and set up a meeting with the DOE, EPA, Ecology, and ERC to discuss the response and the listed waste issue independently.]

- 01-36-95:5 Disposal of Rainwater

[R. Miller informed the group that the water has been pumped into basin 3 which will be decontaminated last in July. The majority of the water, if not all of it, should be evaporated by then. This item is closed.]

- 03-06-95:1 Residue Sampling

[R. Miller stated that the residue from the decontaminated process will be sampled if the contained-in ruling is granted by the EPA. If not, the residue will be treated as mixed waste at a cost of \$143 ft³.]

3. Status Closure Activities / Planning

- Schedule

[R. Miller passed out a copy of the current anticipated scheduled activities.]

4. New Business

- Vendor's proposal

[R. Miller stated that the vendors' proposals had been reviewed and that the decontamination process will be conducted in-house using HAMTC forces. The equipment has been procured and all work will be done in accordance with the Closure Proposal. Miller stated that the basins had been recognized as a regulatory temporary 90-day storage area and the waste would be stored onsite and delivered directly to the proper disposal area instead of the 100-N 90-day storage pad.]

5. Set Next Meeting Date

[The next meeting will be determined during the listed waste meeting.]

jun 4-19-95
Pre-Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Attendance List

[illegible]

Attachment 4

Unit Manager's Meeting 183-H Solar Evaporation Basins Federal Building, Room 784-B Richland, Washington

**Meeting Held April 19, 1995
From 1:00 to 4:00 p.m.**

Open Action Items

<u>Action Item #</u>	<u>Description</u>
09-20-94:2	Ecology will provide means to produce a direct soil exposure nitrate cleanup level, assuming that the value calculated from WAC 173-340-740(3)(a)(ii) is unacceptable. - B. Cordts to review and comment. - ERC to present alternatives for nitrate cleanup levels.
12-15-94:2	Ecology: Since the MTCA method B arsenic cleanup level is less than background, can we use the Method A, which is based on state background? -B. Cordts to review and comments.
01-26-95:4	Listed Waste Letter. Ecology/EPA need concurrence.
03-06-95:1	ERC will investigate the vanadium levels.

Closed Action Items

<u>Action Item #</u>	<u>Description</u>
03-02-93:1	WHC will make a proposal for closure of the 183-H basins that will include a new closure date. As a result of contractor change, this action is conferred to ERC.
08-18-94:1	ERC will issue a letter requesting that the concrete be released from consideration as listed waste. Due September 1, 1994.

09-20-94:1 Ecology will evaluate debris rule compliance of 6 mm basin concrete removal with a fractional area of resistant aggregate protruding above the 6 mm level.

This Action Item is CLOSED (November 1, 1994).

09-20-94:3 ERC will provide letter(s) addressing compliance with the Hanford Facility RCRA Permit conditions (V.1.B.g, V.1.B.j, and V.1.B.k).

09-20-94:4 Ecology will review the 183-H Data Evaluation Report.

12-15-94:1 Ecology: Are the statistics of WAC 173-340-740(7)(d) applicable to MTCA cleanup levels?

12-15-94:3 Ecology: Comment on existing stage of closure proposal, with particular focus on our recommendations for cleanup levels / strategy for constituents without MTCA method B cleanup levels.

12-15-94:4 ERC: Have staff toxicologist review the nitrate cleanup level produced by WAC 173-340-740(3)(a)(iii) and propose direct soil cleanup level and rational.

12-15-94:5 ERC: Finalize Data Evaluation Report and submit final by March 28, in order to satisfy the Hanford RCRA Permit condition V.1.B.g and V.1.B.j. Closed. See 09-20-94:3

12-15-94:6 ERC: Continue development of closure proposal.

12-15-94:7 ERC: Compare statistical guidance of Ecology, from Toxics Cleanup Program with our current MTCA-based method. B. Cordts to review and comment.

12-15-94:8 ERC: Make sure that our cleanup level / extent method is consistent with CERCLA.

01-26-95:1 Groundwater monitoring compliance. J. Badden/R. Miller
We are not presently in compliance with the permit. Working with Mary Hartman and Legal for immediate compliance and proposing a new monitoring plan.

01-26-95:2 Cleanup level for arsenic. B. Cordts to concur. Tracked through 12-15-94:2.

01-26-95:3 Cleanup strategy for operable units. N. Werdel to issue copies.

01-26-95:5

Disposal of basin rainwater. Concurrence of the listed waste letter. J. Badden is working with Dan Duncan for concurrence. Water has been analyzed and the data is being reviewed by ERC for recommendation.

RESOLVED ISSUES

- An appropriate oral RFD for silver is 0.005 mg/(kg*day).
- The Debris Rule will be applied to 183-H basin concrete.
- It is appropriate to use the MTCA method A for cleanup level for lead.

OPEN ISSUES

- Action Items in Unit Managers Meeting minutes
- RCRA/CERCLA integration of soil closure activities
- Re-validation of vadose zone data
- Listed Waste Letter: Dangerous waste designation of concrete surface zone, and soil?
- Cleanup level for nitrate (pending, ERC)

DISTRIBUTION

J. W. Badden	BHI	H4-86
J. M. Bruggeman	RL	H4-83
R. E. Cordts	Ecology - Lacey	
L. D. Dillon	BHI	H6-29
D. L. Duncan	EPA - Seattle	HW-106
C. W. Hedel	BHI	H4-79
R. G. Hollenbeck	ICF KH	G3-17
P. K. Jackson	BHI	X5-53
M. Jaraysi	Ecology - Kennewick	
B. W. Mathis	CHI	X5-53
M. A. Mihalic	BHI	X5-53
L. A. Mihalik	CHI	H4-79
L. R. Miller	CHI	X5-53

ADMINISTRATIVE RECORD: 183-H Solar Evaporation Basins Closure, T-1-4 [Care of EDMC, WHC (H6-08)]

BHI Document Control Center; Mail Stop H4-79

Washington State Department of Ecology Nuclear and Mixed Waste Hanford Files,
P. O. Box 47600, Olympia, Washington 98504-7600

Environmental Protection Agency Region 10, Seattle, Washington 98101,
(Record Center) - Mail Stop HW-074

Please send comments on distribution list to Rex Miller (X5-53), 373-9592.